## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application. Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

**Listing of Claims**

1–5.     (Canceled)

6.     (**Currently Amended**) A method of adding a device to a <u>Universal Plug and Play (UPnP)</u> UPnP network, <u>the device being a UPnP device,</u> comprising:

retrieving, at a control point in the UPnP network, a device description associated with the UPnP device;

invoking by using a UPnP application programming interface (API), at the control point, a first authentication process to authenticate the device with the control point;

retrieving, at the control point, a service description associated with the device; and

retrieving, at the control point, a presentation page associated with the device, wherein the first authentication process comprises:

receiving a <u>device</u> certificate from the device;

authenticating the device using the <u>device</u> certificate; and

sending a certificate from the control point to the device<u>, the certificate suitable</u> for the device to authenticate the control point.

7.     (Original) The method of claim 6, wherein upon connection to the UPnP network the device multicasts information about itself to a predetermined address.

8.     (Original) The method of claim 7, wherein the control point uses the information multicast by the device to retrieve the device description.

9.     (Canceled)

10.    (Previously Presented) The method of claim 6, wherein the first authentication process further comprises:

    using the certificate at the device to authenticate the control point with the device.

11.    (Previously Presented) The method of claim 6, wherein the certificate includes a public key associated with the device.

12.    (Previously Presented) The method of claim 6, wherein the certificate is issued by a certificate authority and includes a public key associated with the certificate authority.

13.    (Original) The method of claim 10, wherein sending the certificate from the control point to the device comprises:

    loading the certificate onto a memory module; and

    transferring the certificate from the control point to the device on the memory module.

14.     (Original) The method of claim 6, wherein the device invokes a second authentication process to authenticate the control point with the device.

15.     (Original) The method of claim 14, wherein the second authentication process comprises transmitting a PIN/password from the control point to the device.

16.     (Original) The method of claim 15, wherein the PIN/password comprises:

        a credential; and

        a hash of a certificate sent from the device to the control point.

17.     (**Currently Amended**) A method of adding a control point to a <u>Universal Plug and Play (UPnP)</u> ~~UPnP~~ network, comprising:

        transmitting a search request multicast from the control point to a predetermined network address;

        receiving a response to the multicast from at least one device in the UPnP network, <u>the device being a UPnP device,</u> wherein the response includes an indicator requesting a secure communication between the device and the control point;

        invoking by using a UPnP application programming interface (API), at the control point, a first authentication process to authenticate the device with the control point;

        retrieving, at the control point, a device description associated with the ~~UPnP~~ device

        retrieving, at the control point, a service description associated with the device; and

        retrieving, at the control point, a presentation page associated with the device,

        wherein the first authentication process comprises:

                receiving a <u>device</u> certificate from the device, and

authenticating the device using the <u>device</u> certificate, and

sending a certificate from the control point to the device<u>, the certificate</u>

<u>suitable</u> for the device to authenticate the control point.


18.    (Canceled)


19.    (Previously Presented) The method of claim 17, wherein the first authentication

process further comprises:

using the certificate at the device to authenticate the control point with the

device.


20.    (Previously Presented) The method of claim 17, wherein the certificate includes a

public key associated with the device.


21.    (Previously Presented) The method of claim 17, wherein the certificate is issued

by a certificate authority and includes a public key associated with the certificate

authority.


22.    (Original) The method of claim 19, wherein sending the certificate from the

control point to the device comprises:

loading the certificate onto a memory module; and

transferring the certificate from the control point to the device on the memory

module.


23.    (Original) The method of claim 17, wherein the device invokes a second

authentication process to authenticate the control point with the device.

24.    (Original) The method of claim 20, wherein the second authentication process comprises transmitting a PIN/password from the control point to the device.


25.    (Previously Presented) The method of claim 24, wherein the PIN/password comprises:

   a credential; and

   a hash of a certificate sent from the device to the control point.